

EXHIBIT 5

Certificate of Registration



This Certificate issued under the seal of the Copyright Office in accordance with title 17, *United States Code*, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Karen Leigh Clayton

Acting United States Register of Copyrights and Director

Registration Number

TX 8-323-840

Effective Date of Registration:

April 13, 2017

Title

Title of Work: Allegro PCB 16.6

Completion/Publication

Year of Completion: 2011

Date of 1st Publication: October 23, 2012

Nation of 1st Publication: United States

Author

• Author: Cadence Design Systems, Inc.
 Author Created: computer program
 Work made for hire: Yes
 Citizen of: United States

Copyright Claimant

Copyright Claimant: Cadence Design Systems, Inc.
 2655 Seely Avenue, San Jose, CA, 95134, United States

Limitation of copyright claim

Material excluded from this claim: computer program
 Previous registration and year: TX 7-751-386, 2012

New material included in claim: computer program

Rights and Permissions

Organization Name: Cadence Design Systems, Inc.
 Address: 2655 Seely Avenue
 San Jose, CA 95134 United States

Certification

Name: Kristen McCallion
 Date: April 13, 2017
 Applicant's Tracking Number: 24901-0608001



Registration #: TX0008323840
Service Request #: 1-4754272646

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